

DEPARTMENT OF THE NAVY  
OFFICE OF THE CHIEF OF NAVAL OPERATIONS  
OFFICE OF THE COMMANDANT OF THE MARINE CORPS  
WASHINGTON, DC

February 27, 2003

Honorable Ike Skelton  
House of Representatives  
Washington, DC 20515

Dear Congressman Skelton:


In response to your letter of 29 January 2003, we are providing the Navy and Marine Corps lists of our unfunded "Naval" programs to which additional funding could be applied. While we are grateful for and have benefited from the increased resources recently provided by the President and the Congress, there still remain additional shortfalls that are detailed herein.

The Department's FY 2004 Budget continues to focus on our new defense strategy and emergent challenges of the 21<sup>st</sup> Century. The resources contained in this budget go far in helping both services to maintain heightened readiness in uncertain times, to provide further investment in transformational programs, and to take care of our Sailors, Marines and their families. However, the road to attaining our shipbuilding and aircraft procurement program goals remains exceptionally challenging. Additionally, the Global War on Terrorism and current operations incident to the Iraqi question continue to stretch our resources in many areas.

For FY 2004, Naval unfunded programs total \$6.5 billion. These unfunded items are listed under Enclosure (1) for Navy programs and Enclosure (2) for Marine Corps programs. As you know, the items identified on these lists are important to the long-term efficacy of our Navy/Marine Corps Team.

If we may be of any further assistance, please let us know.

Sincerely,



MICHAEL W. HAGEE  
General, U.S. Marine Corps  
Commandant of the Marine Corps



VERN CLARK  
Admiral, U.S. Navy  
Chief of Naval Operations

Enclosure

Copy to:  
The Honorable Duncan Hunter  
Chairman, Committee on Armed Services

**Navy FY04  
Unfunded Program List**

PRI	TITLE (Program/Issue)	APPN	FY04 (\$M)	Cum Total	COMMENTS (including warfighting impact)
1	Work Year Funding, MPN shortfalls, targeted personnel bills and Sea Warrior	Multi	326	326	Based upon FY02 retention data, projected workyear costs for 1,333 enlisted/110 officers, and increased longevity costs due to enlisted retention behavior. Projected must pay bills associated with TEMDUINS, CONUS COLA rate increase, Medical Special Pay rate increase, and BAH increases associated with Runzheimer and increased permanent change of station costs. This funds the E-4 High Year Tenure Separation Pay and Lateral Conversion Program. Will need to pay separation pay to E-4s at HYT in order to generate required losses to support enlisted strength plan. Lateral Conversion Bonus will give Navy the flexibility to internally adjust the imbalance of personnel amongst skills. Also funds ACCP for shortfall in Dept Head Aviators. Sea Warrior is the Human Resources (HR) component of CNO's Sea Power 21 Transformation Roadmap, specifically focused on maximizing human capital and improving Fleet readiness by ensuring the right skills are in the right place at the right time.
2	Additional F/A-18E/F Ancillary Equipment Procurement	APN	113	439	Funding procures 38 complete sets of ancillary equipment to amend current shortfall. F/A-18E/F Ancillary equipment currently underfunded \$139M over FYDP. By FY06 (PB04 procurement), 51% of non-deployed (IDTC) aircraft will have no ancillary equipment. Buys 81% of total requirement.
3	Stabilized Chain Guns	WPN	54	493	Funds accelerated procurement of 30 ship systems - stabilization / remote capability kits. 2 Mounts/ship for 60 total (\$800K/system, \$100K/install). Significantly improves ship self defense by increasing effectiveness of minor caliber guns against small boats. Sea Shield enabler.
4	Non-Lethal Systems/swimmer detection	OPN	17	510	Funds procurement of non-lethal COTS MIO/ATFP equipment including Sea Spider propeller entanglement system, Long Range Acoustic Device (LRAD) and small arms flash bangs for vessel warning and identification. Procures equipment for 3 CSG/ESGs (30 ships) to improve capability and increase effectiveness for Anti-Access and Homeland Defense missions. Swimmer detection system provides capability to detect and track sub-surface threats inport. Procures and installs equipment for 30 ships (\$500K/system).
5	ADNS Bandwidth Expansion and Mandated Security Upgrades	OPN	10	520	ADNS upgrades must be funded to eliminate a 2Mbps bandwidth restriction at the routers and multiplexers that currently process Navy's afloat communications. This upgrade will ultimately provide a 8-10 fold increase in available bandwidth to afloat units without purchase of additional RF transport beyond that currently in the POM. Without the investment in this upgrade, we will not be able to take full advantage of additional bandwidth that will come on line during the POM. In addition, the technology inherent in this upgrade will allow Afloat Commanders to dynamically model and allocate RF resources to the applications and systems employed in their current mission. FORCENet MCP/ISCP analysis identified ADNS upgrades as the Navy's most critical near-term C4 warfighting enhancement
6	F/A-18 Weapons Carriage	multi	91	611	Weapons Systems Integration funds mixed load and weapon carriage integration of AIM-9X, GBU-24, AMRAAM C5/7, HARM BLK VI, JSOW Unitary, JDAM MK 82/83. BRU-55 being developed to enable multiple carriage of 500/1000 Lb JDAM per F/A-18E/F weapon station. Currently limited to single JDAM per station. FY04 funding would procure 200 BRU-55 Smart Racks. By FY05, 50 aircraft would have capability to double DMPs serviced per sortie. SEA STRIKE ISCP recommendation. If fully funded, this issue could address the following F/A-18E/F carriage issues: - Separation testing for mix stores carriage (JDAM, JSOW, GBU, and Air-to-Air combinations): \$58M - Integration of specific weapons (JSOW Unitary, HARM Block VI, JDAM 82/83 (parent rack only), and AIM-120 C-7): \$10M - Procurement of 200 BRU-55 Smart Racks to support two JDAM per station for F/A-18C/D: \$23M
7	LCS Modules	RDTE	35	646	Reduces risk in development of anti-submarine, anti-surface, and mine hunting mission modules to be configured in the LCS class ships. SEA SHIELD ISCP recommendation.
8	18 EA-6B Outer Wing Panels	APN	60	706	Accelerates Outer Wing Panel (OWP) replacements to mitigate current grounding and flight restrictions placed on EA-6Bs from excessive Fatigue Life Expenditure. ISCP recommendation. 8 a/c grounded and 23 a/c restricted to 3-g flight in Dec 02. 50 sets required for fleet. \$60M buys 18 sets in FY04 (max rate production).

**ENCLOSURE (1)**

## Navy FY04

## Unfunded Program List

9	LHA Midlife/FMP	OMN	33	739	Completes necessary Midlife alterations. Improvements include corrosion prevention, propulsion/auxiliary systems, electrical/damage control and cargo handling systems. Completes necessary modernization ALTs on Amphibious ships such as weight and moment.
10	ERAM	RDTE	46	785	Engineering and integration efforts to include incorporation of missile self-test, reliability improvements and missile/missile component cost reductions with a focus on elimination of hardware. Combined efforts provide acceleration of SM-5 AKA ERAM FY10 IOC by 6 months.
11	IROS3	OPN	63	848	Procures and installs Integrated Radar Sighting & Surveillance System (IROS3) in 30 ships (\$2.1M unit cost). Provides increased detect-through-engage capability against surface asymmetric threat significantly improving effectiveness of minor caliber weapons against small boat threat. Includes integration of digital radar picture, Electro-Optic ID, non-lethal deterrence and remote engagement by small arms and minor caliber guns. Sea Shield enabler.
12	AESA	RDTE	11	859	Funding restores \$4M to AESA R&D effort to ensure schedule timeline for IOC and \$7.15M required to comply with AN/APG-79 (AESA) protection plan. Funds anti-tamper technology to prevent compromise of US capabilities and foreign exploitation of AN/APG-79 radar.
13	562 Shock Test	WPN	11	870	Funds barge Shock test for MIL Standard 901D requirement for 5" 62 Gun Mount to demonstrate full combat readiness. System did not fair well during ship shock trials on DDG81; COMOPTEVFOR gave system a downcheck for operational readiness. Fixes for all failures have been identified.
14	Firescout	RDTE	35	905	Keeps program alive, buys one mission system (3 air vehicles, two ground stations, sensor payload) and change to 4 bladed rotor. This is for possible use ICW LCS.
15	SEI	multi	12	917	Replaces aging UYX-3 SEI suites that are rapidly becoming inoperable with UYX-4 and expands Fleet inventory to ensure that all deploying Battle Groups deploy with organic SEI capability. Critical enabler to GWOT and counterproliferation efforts.
16	AOE-1 Sustainment	OMN	43	960	Provides minimum maintenance required to keep the four AOE-1 class ships safe for personnel and equipment, and free of operational restriction until the AOE-1's projected decommissioning in FY06/07.
17	T-AOE(X)	RDTE	15	975	Accelerates T-AOE(X) from FY09 to FY06.
18	CH 46 OSIP Inventory Adjustment	APN	4	979	Funds HONA A&B OSIPs (Electrical, Maintenance & Boost Actuators) to outfit all fleet aircraft with these required safety improvements and T-58-16A Engine Reliability Improvement Program (ERIP) due to delay in fielding the MV-22.
19	FHP FO	OMN	200	1179	FO supports the fleet by funding TAD/TAT, commercial air services, ADP Spt, including NMCI. Direct flying hours have been fully funded at expense of FO. Funding FO allows fleet to execute the OP-20 FHP to T2.2 level of readiness. SEA STRIKE ISCP recommendation.
20	AV-8B ELMP	RDTE	7	1186	RDT&E,N required to continue the ASMET series of tests to improve engine readiness, availability, and safety.
21	SH-60B/H Armed Helo Kits Procurement	APN	77	1263	Procures 28 Armed Helo "B" kits to match "A" kits and Fixed Forward firing mounts for legacy H-60.
22	76mm Gun Ammo for FFG/USCG	PANMC	13	1276	Procures additional ammo to support USN/USCG ships anti-access and Homeland Defense missions for FFGs/USCG cutters. Procures 17692 rounds of 76mm ammo to support training requirements and bring ammo levels back up to war reserve level. Sea Shield enabler.
23	GP Bombs	PANMC	60	1336	Procures additional bomb bodies (primarily MK-83) to mitigate near term shortfall for PGM kits match. There is still an impending delta between the amount of Guidance Kits procured (JDAM/LGB) and the amount of Bomb Bodies available to bolt these kits on to.
24	Challenge Athena - C-Band Space Segment Leases	OMN	10	1346	Challenge Athena connectivity relies on the lease of commercially available satellite transponders, gateways and "tail" circuits b/w commercial and Navy shore sites. Additional funds support Joint Fires Network (JFN).
25	SQQ-89 A(V)-15 Backfit	OPN	31	1377	Funds additional procurement for SQQ-89 A(V)15 systems for installation on 3 DDGs. Program acceleration will improve littoral ASW capability. SEA SHIELD ISCP recommendation.
26	C-40	APN	134	1511	Funds 2 additional C-40 aircraft in FY04 bringing total to 3.
27	Marine Corps Aviation Simulator Master Plan	APN	18	1529	Funds visual upgrade to KC-130 sim in Miramar (\$2.1M) visual upgrade and Litening II install to AV-8B sim in Yuma (\$7.9M) & install/reconfigure of CH-46E sim in Pendleton (\$8M).
28	AV-8B Avionics Upgrades	APN	13	1542	Funds known obsolescence and deficiency issues for improved readiness, availability and safety.
29	AARGM Quick Bolt	RDTE	25	1567	Continue development of the SBIR effort to accelerate delivery to the Fleet and restores funding to PB03 level.

ENCLOSURE (1)

**Navy FY04  
Unfunded Program List**

30	FFG Gun Integration	WPN	13	1580	FY04 add funds integration of 76mm Gun Weapon System with CIWS fire control system to provide improved capability against asymmetric threats. Funds associated ORDALTS for Navy and USCG platforms. Provides increased effectiveness for FFG/USCG Anti-Access and Homeland Defense missions.
31	IT Support	OMN	39	1619	Transition of legacy systems.
32	Integrated Combat Weapons System (ICWS)	RDTE	15	1634	Transfers existing ICWS technology to expand offboard sensor/system integration and provide fleet compatible C4I capability on HSV-2X and possibly LCS.
33	LCAC SLEP PHASE I	multi	10	1644	Accelerates installation of radios, radars and deep skirt into LCACs not receiving full SLEP II. Provides Interim corrosion abatement for craft receiving Phase I SLEP equipment.
34	Facilities Sustainment - 100% of FSM 4.0 requirement	OMN	99	1743	Fully funds facility sustainment to 100% of the FSM 4.0 model (per Defense Planning Guidance). Sustainment is an OSD metric which models requirements for maintenance and repair activities to keep a "typical inventory of facilities" in good working order over facility service life.
35	Shore Infrastructure - achieve 67 yr recap rate by FY07	MCN	263	2006	Funds facilities recapitalization projects at a level required to achieve a glide slope from 116 years in FY03 to 67 years by FY07 (Defense Planning Guidance requires 67 years by FY07).
36	VIRGINIA SSN R&D	RDTE	132	2138	Funds transformational capabilities for existing SSNs and future VIRGINIA class submarines; VA R&D: Information Assurance, subsystem engineering, performance and manufacturing problem resolution. AST R&D: payloads and sensors, advanced propulsors, alternate propulsion concepts, hydrodynamics and maneuverability, acoustic and EM silencing, payload interface technology, hull studies and acoustic sensors.
37	VIRGINIA SSN Technology Insertion	SCN	42	2180	Funds insertion of new technologies and new capabilities on Virginia Class Submarines. Ensures spiral development process and transformational capabilities for future VIRGINIA class submarines is continued.
38	Littoral Surveillance System	OPN	35	2215	Procure one additional LSS (HMWWV based TES systems). Upgrades system one - program goal is two. Also accelerates TES/JFN equipment fielding to the fleet in response to OEF requirements. (\$16M add)
39	Upgrading the F/A-18C/D Training System	APN	33	2248	Funds critical simulator upgrades to current aircraft software configuration. Replaces failing/obsolete components.
40	FFG 7 Class Structural Modifications	OMN	7	2255	Provides for planning and correction of FFG limiting displacement, upgrading to 4,300LT. Includes installation of Impressed Current Cathodic Protection System.
41	RAMICS upgrade (Sea Sniper)	RDTE	4	2259	RAMICS gun in preliminary design for mine clearance. Funds applied now allow software/hardware design to incorporate (Sea Sniper) capability. CFFC supports (02 Oct 02 Ltr)
42	Tactical Tomahawk (TACTOM) missiles	WPN	38	2297	Procures an additional 44 TACTOMS to achieve PB03 level procurement
43	Multiple Security Level Coalition Interoperability	OMN	20	2317	Accelerates shore and afloat implementation of Multiple Security Level IT infrastructure to support Coalition operations. Procures 10 MSL Coalition data servers. Implements MSL Web Replication, Coalition Collaboration at Sea, Coalition Common Operational Picture, Multi-level Chat, and Coalition Public Key Infrastructure.
44	5" BB Round	PANMC	6	2323	Funds qualification and delivery of 5" Force Protection Projectile for all MK45 guns designed to counter existing small boat threat. Shotgun like projectile provides significant effectiveness improvement over current 5-Inch Projectiles against the current small boat threat. AT/FP issue.
45	ECP-583 for F/A-18A	APN	69	2392	Procures kits and installs for 32 aircraft required to support TacAir Integration. Upgrades USMC F/A-18A to configuration similar to Lot 17 F/A-18C. Capability improvement includes APG-73 radar, NVG lighting, digital wingtip for AIM-9X, AMRAAM, ARC-210 radios, GPS, MIDS, and J weapon capabilities (JSOW, JDAM, etc.). Funding also reduces the number of Center Barrel Replacements (CBR) required.
46	NAVCENT Ship Tracking	multi	10	2402	Collection system to be deployed to NAVCENT AOR to support NAVCENT maritime intelligence collection requirements.
47	12 ICAP III kits	APN	100	2502	Funds 7 ICAP III kits for CVW/FRS EA-6Bs and 5 of 20 ICAP III kits required for the USMC expeditionary squadrons & includes MIDS. ICAP III provides Selective Reactive Jamming and Geolocation capability for CVWs, meeting the mobile threats and improved threats. Continuous ALQ-218 production line for installation on EA-18G. Buys 100% of Navy requirement and 5 of 20 additional for USMC.
48	Submarine HDR Comms	OPN	11	2513	Funds SubHDR program in Ohio Class SSBNs. Provides for Mast Mechanical Group modification. Provides high data rate communications capability with EHF Medium Data Rate, SHF and GBS capabilities.
49	AN/BLQ-10 ESM shipsets and Type-8 Periscope Infrared Mods	OPN	38	2551	Funds procurement of AN/BLQ-10 submarine SIGINT upgrade shipsets and Type 8 IR periscope modification shipsets. Provides submarine with an all-weather 24/7 electro-optic imaging capability, enhancing submarine access and safety of ship in littoral environment.
50	C-37	APN	55	2606	Buys 1 C-37 so that total requirement is bought out in FYDP.

ENCLOSURE (1)

**Navy FY04  
Unfunded Program List**

51	Depot Maintenance	OMN	135	2741	Corrects for ship depot maintenance deferred maintenance requirement.
52	Base Operating Support (BOS)	OMN	90	2831	Funding to maintain FY02 normalized (i.e. FY02 inflated adjusted for changed requirements and directed efficiencies) funding levels across FYDP for all BOS functions to halt migration of other O&M funds into the BOS account.
53	KC-130J Procurement	APN	237	3068	Funds 4 FY04 KC-130Js that were shifted from program due to Advance Procurement financing strategy. 17 aircraft have been procured toward an inventory objective of 51.
54	Increased funding to accomplish four additional F-14 SDLMs in FY-04.	OMN	15	3083	Revised aircraft force structure reflects a delay in F-14 drawdown between FY02 - FY07 necessitating 4 additional F-14 SDLMs in FY04 to support continuing squadron deployments through FY-07.
55	CH-53E Helicopter Night Vision System (HNVS) "B" Kits.	APN	45	3128	Funds an additional 64 CH-53E HNVS "B" Kits, a 3rd Generation FLIR system that enhances the aircraft's ability to operate at night & during periods of reduced visibility. Puts deployed squadrons at 1:1 ratio of FLIRs to aircraft.
56	AH-1W IR Suppressors	APN	12	3140	Accelerate Force Protection measure to increase aircraft survivability. Will outfit entire Cobra fleet of 192 A/C. Forward fit to AH-1Z (H-1 Upgrades program).
57	Digital Solid State Recorders	APN	16	3156	Procures digital solid state recorders for the Tactical Reconnaissance system of USMC F/A-18D aircraft.
58	AV-8B Litening Pod	APN	37	3193	Buys 22 pods to increase forward deployed precision targeting capability and upgrades 8 existing Litening II pods to Litening AT configuration. Buys 100% of requirement.
59	CBR Equipment Storage and Logistics (CFFC submission)	OMNR	8	3201	Funds remaining equipment to fill out 10,000 Chemical Biological Radiological equipments sets including storage and phased replacement.
60	F/A 18 Advanced Targeting FLIR	APN	15	3216	Procure ATFLIRs for two NR and 3 MCR VFA squadrons to achieve compatibility and relevancy with active forces.
61	AT-FP Training	Multi	39	3255	Funds will support increased throughput in the Master-at-Arms Course (NEC 9545) and pre-deployment training for battle groups to meet C4I training requirements. To maintain current courses that were initially supported by the Defense Emergency Response Fund (DERF), Navy sponsors need to assume the funding responsibility. Will also fund live fire gun range instructors, and ATPF training support for the Reserves.
62	HELLFIRE	WPN	42	3297	Procures 500 HELLFIRE Missiles. Current and outyear inventories will not meet shipfill or warfighting requirements across the FYDP. These weapons will also be a critical element in the ongoing development and weaponization of UAV's. Replacement missile (JOINT COMMON Missile) IOC is FY08.
63	Naval Special Clearance Team (NSCT)/Naval Coastal Warfare (NCW) small boats	OPN	11	3308	Funding will procure ten mission required RHIB's and prime movers for the Naval Special Clearance Team (NSCT) and ten mission required small boats for Naval Coastal Warfare AT/FP requirements.. Current small boats are beyond service life and not compatible with mission essential requirements. Replacement is required due to degradation of mission capability.
64	LHD-8	SCN	300	3608	Requirement to fully fund LHD-8 in FY04.
65	Advance procurement for LPD	SCN	475	4083	Incremental funding/advanced procurement for LPD
66	OPN-8 Spares	OPN	20	4103	Increases spares funding level from 83% to 90% of requirement, which is IAW CNO guidance.
67	Prior Year Shipbuilding	SCN	300	4403	Accelerates prior year shipbuilding.
68	SSN699 ERO/Buyback	SCN	248	4651	Refuels vice Inactivates USS JACKSONVILLE in support of near term submarine force structure. Maintains near term force structure at or above 55 SSNs.
69	FAST	APN	29	4880	Levels funding between FY03 thru FY05.
70	F/A-18E/F	APN	420	5100	Restore (6) aircraft, achieving total 48 in FY04.
71	F/A-18 DCS/ACASS	APN	6	5106	Status: DCS provides F/A-18 A-F with a digital CAS capability. Current DCS/F/A-18 integration incorporates 4 messages for minimum required digital communication with ground station. Shortfall/Impact: Joint TTP's are being rewritten to afford more flexibility wrt employment of GPS standoff weapons. USMC ground station incorporating improvements to Digital CAS capabilities. Additional messages are required for F/A-18 to be interoperable with ground station and exploit full capabilities. ROI: Added capabilities will minimize fratricide incidents by increasing FAC Situational Awareness and display CAS aircraft Sensor Point of Interest.
72	Common Defensive Weapon System (M3M)	APN	17	5123	Accelerates the integration of gun mounts and ammunition kits for the new .50 caliber machinegun common to USMC rotary wing platforms- CH-53E, CH-46E, UH-1, MV-22.
73	H-1 Aircraft Survivability Equipment	APN	10	5133	Status: Force Protection measure to increase aircraft survivability by upgrading to ALE-47 and AAR-47(V)2. Includes additional Tailboom Strake Kits for AH-1W to reduce structure fatigue with incorporation of ASE suite. Forward fit to H-1Y/Z (H-1 Upgrades program).

ENCLOSURE (1)

**Navy FY04  
Unfunded Program List**

74	Tactical Aircraft Directed Infra-Red Counter-Measures (TADIRCM)	RDTE	11	5144	Funds program that will develop and produce TADIRCM systems/pods. SEA STRIKE ISCP recommendation.
75	LAU-7 D/A Digital Upgrade	APN	2	5146	LAU-7 D/A digital upgrade aligns missile launcher upgrades with F/A-18 D/A Digital Wingtip Upgrades to support AIM-9X deployment. POR profile results in a mismatch of properly configured aircraft and missile rails. FY04 funds will procure missile rails for 100 aircraft to balance wingtip mod and available rails, maximizing fleet's capability to employ AIM-9X and eliminating need for cross-decking of assets.
76	C-2 Slep	APN	10	5156	Funding increases C-2 SLEP from 4 to 6 in FY04.
77	Claymore Marine	RDTE	2	5158	Compliments current ONR funding for the final year of RDTE multi-static testing prior to transition to fleet VP/HS aircraft.
78	T-45A Digital Cockpit Retrofit ('A' to 'C' conversion).	APN	26	5183	Funds Cockpit 21 for T45A, rectifies supportability issues (safety, obsolescence and Congressionally mandated GPS). Two T/M/S result in base-loading problems beginning in FY02. PTR will be impacted by FY07 due to obsolescence without funding CP21 or redesign of T-45A avionics.
79	Additional End Strength	MPN	268	5451	Funds 4545 additional end strength for transitioning Naval Coastal Warfare from Reserve to Active and providing end strength for USS Bremerton and USS Jacksonville extension, MIO Detachments, 4th MEB, and 100 additional midshipman at USNA.
80	USS Constellation CV-64	MPN/OMN	237 (MPN) 105 (OMN)	5793	Funds endstrength to begin FY04 2% above NDAA (383,214) and continue CV-64 operations through FY04.
<b>Grand Total</b>			<b>\$ 5,793</b>		

**ENCLOSURE (1)**

**USMC FY04  
Unfunded Programs List**

Item #	APPROPRIATION & PROGRAM TITLE	EXECUTIVE SUMMARY	PROGRAM AMOUNT (\$M)
<b>Family Housing (FH)</b>			
1	MCAS Cherry Point, H-609, Slocum Village Phase 3/Hancock Village Phase 2 Replacement	Project replaces 198 junior enlisted family housing units at Marine Corps Air Station, Cherry Point, NC. In the FY07 PPV program. This add reduces requirement for seed funding.	27.2
2	MCB Camp Lejeune, LE-H-0402-R2	Project renovates and extends economic life by 25 years of 19 officer FH units (2-story) at MCB Camp Lejeune, NC. Morale and quality of life of Marine families will be improved.	2.1
3	MCB Hawaii, H-655, Replace Manning Court	Project replaces 36 homes for junior enlisted military families. Readiness, mission accomplishment, quality of life, morale and retention of quality personnel will be positively impacted.	13.4
4	MCLB Barstow, H-654, Replace Desert View & Demo 200 units	Project demolishes 172 family housing units and constructs 118 replacement homes at MCLB Barstow, CA. Quality of life, morale and retention of quality personnel will be positively impacted.	36.0

**MILCON (Naval Reserve)**

5	Mobile, AL P-032 Reserve Training Center (RTC)	Marine Corps Reserve portion of joint project w/AL National Guard. Constructs new RTC, vehicle maintenance facility and paraloft for 3d Force Recon. Co., 4th MarDiv in Mobile, AL.	8.0
6	Columbia, SC P-021 Reserve Tank Maintenance Facility	Project constructs a new Reserve tank maintenance facility for Company D, 8th Tank Bn., 4th MarDiv in Columbia, SC.	3.8
7	Wilmington/Camp Lejeune, NC P-045 Reserve Training Center (RTC)	Constructs new RTC and vehicle maintenance facility for Det. 1, Beach & Terminal Operations Co. B, 4th Landing Support Bn. in Camp Lejeune, NC.	8.1

**MILCON**

8	MCAS Cherry Point, P-124, AICUZ Land Acquisition	Acquire restrictive easements on over 1,000 acres of land to prevent encroachment and enable continued flight operations. The majority of the land is owned by Weyerhaeuser.	2.7
9	MCB Camp Lejeune, P-1089, 4th MEB Operations Complex	Provide operational facilities for recently activated 4th Marine Expeditionary Brigade. Facilities include supply, armory, motor transport, and Indoor Simulated Marksmanship Trainer support.	17.4
10	MCCDC Quantico, P-552, Network Operations Center	Provides facilities for Navy/Marine Corps Intranet network operations center for transmission of voice, video, and data information for comprehensive end-to-end information services.	14.5
11	MCCDC Quantico, P-531, Bachelor Enlisted Quarters	Replaces inadequate facility to meet current standards. Will provide 260 living spaces for enlisted personnel attached to The Basic School.	14.2
12	MCB Hawaii, P-006, Physical Fitness Center	Constructs a physical fitness center and demolishes the existing World War II era facilities that are deteriorated beyond economical repair and lack proper fire protection.	12.0
13	MCLB Barstow, P-167, Bachelor Enlisted Quarters	Replaces inadequate facility to meet current standards. Will provide 106 living spaces for enlisted personnel assigned to MCLB Barstow.	9.9

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ENCLOSURE (2)

**USMC FY04  
Unfunded Programs List**

14	U.S. Joint Maritime BEQ Facility MCB Camp Lejeune NC, MILCON Project P-1092	Funds construction of a 300-person Bachelor Enlisted Quarters to house permanent and student personnel assigned to Joint Maritime Operations.	17.0
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**O&M, Marine Corps**

15	Deployable Virtual Training Environment (DVTE)	DVTE is a network of deployable simulation workstations that sustain combined arms tactics, techniques, and procedures. It provides scenario generation and after-action review learning tools. Deployability of the system enhances its utility for both training and operational rehearsal.	2.5
16	Initial Issue	Funds modern Improved Load Bearing Equipment, All Purpose Environmental Clothing System (APECS), Outer Tactical Vest, Small Arms Protective Inserts, Light Weight Helmet, and tent, command post, maintenance and camouflage systems.	51.3
17	Restrictive Use Easements on Real Estate, Beaufort, SC	Acquire restrictive real estate easements to preserve readiness and minimize encroachment in rapidly urbanizing area. Beaufort County will provide cost sharing to leverage return on investment.	5.8
18	Individual First Aid Kit (IFAK)	Supports an enhanced lifesaving system. The enhanced kit would treat serious burn and/or capillary/arterial bleeding injuries with a three part major wound system that includes "Quick Clot". This capability would lower the number of fatalities on the battlefield.	6.2
19	U.S. Joint Maritime BEQ Facility MCB Camp Lejeune NC, MILCON Project P-1092	This funding would provide collateral equipment for 150 rooms and lounge areas for BEQ Facility, MCB Camp Lejeune, NC.	0.6
20	Corrosion Control and Coating program	Prevents and corrects corrosion damage to ground weapons and support systems. Funding prevents and repairs damage to M1A1 Tanks, LAVs, radios, riverine assault craft, trucks, and trailers. 60% to PAC/I MEF/III MEF (California/Okinawa) and 40% to LANT/II MEF (N. Carolina).	6.0
21	Depot Level Maintenance Program	Readiness issue. Funding would support the capabilities of the M1A1 Tank, AN/TPQ-46A, M249 Machine Guns, LAV-25/AT, AAVP7 RAM/RS, and M198 Medium Towed Howitzer. Approximately \$19M to Barstow, \$17M to Albany.	35.9
22	Marine Air Command and Control Sustainment	Contractor engineering technical support (CETS) for training and combat operations for the Tactical Air Operations Module (TAOM) AND TPS-59 radar.	1.1

**O&M, Marine Corps Reserve**

23	Initial Issue	Funds modern Improved Load Bearing Equipment, All Purpose Environmental Clothing System (APECS), Outer Tactical Vest, Small Arms Protective Inserts, Light Weight Helmet, and tent, command post, and maintenance systems.	13.2
24	Depot Level Maintenance Program	Readiness issue. Funding would support the capabilities of the M1A1 Tank, AN/TPQ-46A, M249 Machine Guns, LAV-25/AT, AAVP7 RAM/RS, and M198 Medium Towed Howitzer. Approximately \$4M to Barstow, \$3M to Albany.	7.3

**Procurement Ammunition,  
Navy/Marine Corps (PANMC)**

25 Feb 03

**ENCLOSURE (2)**



**USMC FY04  
Unfunded Programs List**

25	Cartridge, 5.56mm Ball M855, Lead Free Shot (LFS), (DODIC AA45)	Procure an additional 15.6M cartridges and increase from 81% to 90% of the Approved Acquisition Objective (AAO) at the end of Funded Delivery Period (FY06).	5.0
26	Cartridge, 60mm, (HE), M720, with Fuze, Multi-Option, M734 (DODIC B642)	Procure 31,000 cartridges and increase from 42% to 53% of the Approved Acquisition Objective (AAO) at the end of Funded Delivery Period (FY06).	6.0
27	Charge, Demo, (HE), Linear, M58A1, Modified with Fuze and Harness Connector (DODIC M913)	Procure 355 Linear Demolition Charges and increase from 52% to 57% of the Approved Acquisition Objective (AAO) at the end of Funded Delivery Period (FY06).	10.0
28	Charge, Demo, (HE), Linear, M59A1, Modified with Fuze and Harness Connector (DODIC ML25)	Procure 347 Linear Demolition Charges and increase from 58% to 64% of the Approved Acquisition Objective (AAO) at the end of Funded Delivery Period (FY06).	10.0
29	Multi-Option Fuze for Artillery (MOFA) M782 (DODIC NA09)	Procure approximately 28,204 rounds and increase from 12% to 30% of the approved acquisition objective (AAO) at the end of Funded Delivery Period (FY06).	6.6
30	Modular Artillery Charge System (MACS) M232 (DODIC DA13)	Procure 92,704 charges and increase from 0% to 8% of the Approved Acquisition Objective (AAO) at the end of Funded Delivery Period (FY06).	10.0
31	Projectile, 155mm High Explosive (HE) M795 (DODIC D529)	Procure 64,730 projectiles and increase from 39% to 55% of the Approved Acquisition Objective (AAO) at the end of Funded Delivery Period (FY06).	28.9
32	Rocket Motor, MK 22 5 inch (DODIC J143)	Procure 693 linear demolition charges and increase from 59% to 72% of the Approved Acquisition Objective (AAO) at the end of Funded Delivery Period (FY06).	5.7
33	Cartridge, .50 cal, Armor Piercing Incendiary (DODIC A606)	Procure 208,913 cartridges and increase from 123% to 228% of the Approved Acquisition Objective (AAO) at the end of Funded Delivery Period (FY06).	1.5
34	Cartridge, .50 cal, Armor Piercing Incendiary with Tracer (DODIC A576)	Procure 1.8M cartridges and increase from 101% to 115% of the Approved Acquisition Objective (AAO) at the end of Funded Delivery Period (FY06).	3.0
35	Cartridge, 120mm High Explosive Antitank, Multipurpose with Tracer (HEAT-MP-T) M830A1 (DODIC C791)	Procure 1,999 cartridges and increase from 80% to 86% of the Approved Acquisition Objective (AAO) at the end of Funded Delivery Period (FY06).	13.3

**Procurement, Marine Corps  
(PMC)**

36	60mm and 81mm Mortars	Funding procures 81mm and 60mm mortar components that are wearing out much faster than was anticipated due to operational requirements. Components include tubes, bipods, and sights.	5.2
37	Enhanced Position Location Reporting System (EPLRS)	EPLRS links the dynamic USMC C4I tactical data system architecture with a robust, user-transparent, automatic relaying, and automatic re-routing communications network.	5.8
38	PRC 148 Handheld Radio	Funds procure 527 PRC-148 radios and satisfies the Marine Corps Reserve requirement. It enhances the Marine Reserves interoperability with active forces and increases readiness.	4.0

**USMC FY04  
Unfunded Programs List**

39	Alternative Power Sources for Communications Equipment (APSCE)	\$1.5M procures 650 battery chargers for the new BB-2590 providing twice the capacity as before; \$5.1M for 2000 radio power adapters providing capability to conserve one-time use batteries.	6.6
40	Night Vision PVS-14	Funds procure an additional 1,507 AN/PVS-14 Monocular Night Vision Devices, which replace the PVS-14s that are no longer in working condition. Needed for operational readiness of Ground Combat Element.	5.4
41	Night Vision PVS-17	Funds 2,181 AN/PVS-17 miniature night sights to greatly increase combat warfighting capability of Marine operating forces and replace the aging PVS-4 night vision scopes.	10.5
42	Deployable Virtual Training Environment (DVTE)	DVTE is a portable training system designed for use while deployed. It consists of laptops running specialized software enabling Marines to train specific skill sets when live training opportunity does not exist. Deployability of the system enhances its utility for both training and operational rehearsal.	1.0

**USMC FY04  
Unfunded Programs List**

43	Family of Incidence Response	Funds 6 Personnel/Equipment Terrain Vehicles, 6 all-terrain vehicles, 8 radiological detection devices, 3 Blast Mitigation Devices and recapitalization of CBIRF operation equipment.	3.0
44	M249 Squad Automatic Weapon (SAW)	Funds 2531 SAWs and increases production line to maximum capacity to alleviate an accelerating failure rate of fielded weapons. SAW is a critical weapon in the Marine rifle squad, a backbone unit of the Marine Infantry Division.	8.1
45	AN/TPS-59 (V) 3 Antenna Rebuild Test Bed and Radar Environmental Simulator (RES)	\$2M funds antenna test equipment for antenna rebuild (depot maintenance) facility. \$3M accelerates funding of three radar environmental simulators needed for theater missile defense training worldwide.	5.0
46	Land Mobile Radio (LMR)	Funds installation of a secure Rapid Response System to respond jointly with the local community to any level of emergency. Funds systems for MCB Camp Lejeune, MCAS Cherry Point, MCB Camp Pendleton and MCAS Miramar.	36.0
47	PRC 117 Multi band Radio for Counterintelligence HUMINT Equipment Program (CIHEP)	Provides multiband VHF/UHF/UHF TAC SAT radios to the Counterintelligence and Human Intelligence Equipment Program (CIHEP).	2.1
48	HMMWV	Funding accelerates the procurement of new HMMWVA2s which replace the Marine Corps aging fleet (average age 18 years) of HMMWVs.	30.0
49	Lightweight Multiband Satellite Terminal (LMST)	Funds 12 terminals to replace obsolete GMF terminals. Terminals increase reliability, mobility, and provide triband satellite comm while significantly reducing operations and maintenance costs.	18.0
50	AAV RAM/RS	Funds modification of 60 AAVs to begin the Maritime Prepositioning Force (MPF) fleet upgrade.	48.9
51	Eligible Receiver Mitigation Initiative (ERMI)	ERMI is hardware/software tools supporting USMC IT initiative and Procurement Strategy providing security and integrity, seamless global end-to-end connectivity, and critical business functions.	3.2
52	LAV RAM (two-speed transfer case modification)	Funds modification that will allow the crew to immediately disengage the front wheel drive shaft assembly from inside the vehicle. This will reduce crew exposure to enemy action and increase survivability when the vehicle becomes disabled and must be towed from the battlefield.	2.8
53	AAV Family of Vehicles - Mod kit line	Supports safety and survivability improvements, components for Enhanced Applique Armor Kits (\$6.6M); ANPSC5 SATCOM System (\$278K); AAVC7A1 AC Power System (\$120K); Joint Chemical Agent Detector (\$1.1M).	8.1
54	LAV RAM Program (Tire Assembly Replacement Initiative)	Funds tire assembly replacement due to line closure of currently fitted assembly. New assembly, the Michelin XML, out performs the current assembly in every respect and decreases O&M costs.	1.8
55	Total Force Structure Management System (TFSMS)	Funds Oracle (California) licensing "seats" required to implement software. TFSMS replaces 30-yr old Logistics Management Information System and Manpower database with modern Manpower and Equipment Structure management software.	11.0

25 Feb 03

**ENCLOSURE (2)**

**USMC FY04  
Unfunded Programs List**

**RDTE, NAVY (GROUND)**

56	Target Location, Designation and Hand-off System (TLDHS)	Develops and tests the integration of TLDHS with the Advanced Field Artillery Tactical Data System (AFATDS) and the integration and testing of new, unplanned for, laser rangefinders and laser designators.	2.6
57	Center for Emerging Threats and Opportunities (CETO)	CETO identifies emerging threats, concepts, capabilities and solutions for transfer to Expeditionary Force Development Systems or to Marine Corps Systems Command for concept development, experimentation, or system acquisition.	1.5
58	Marine Aviation Command And Control System Sustainment	Funding increases capability of Tactical Air Operations Center to identify, track, correlate Theater Missile Defense (TMD) data in joint environment.	4.1
59	Deployable Virtual Training Environment (DVTE)	DVTE is a network of deployable simulation workstations that sustain combined arms tactics, techniques, and procedures. It provides scenario generation and after-action review learning tools.	4.5
60	Sea Viking 2004 Expeditionary Tactical Communications System (ETCS)	Develops and buys 50 Global Net Radios, integrates with Intel Ops Servers (IOS) and Intel Ops Workstation (IOW) afloat, Battalion and Companies ashore; operational with MEU in early 2005. System components procured and installed in CA and AZ.	1.9
61	AN/TPS-59(V)3 Radar System Modernization	The AN/TPS-59(V)3 provides the only long-range, three dimensional surveillance radar in the Marine Corps inventory. Funds are for risk mitigation of next generation experimentation efforts and high power transmitters.	6.0
62	Non-Lethal Weapons (NLW) - Urban Operations Laboratory	Continues operations and expansion of the Urban Operations Laboratory to provide assessment, analysis and remediation capabilities to ensure acceptable environmental risk and collateral damage effects in the use of both lethal and NLW weapons within the urban environment.	5.5
63	Non-Lethal Weapons (NLW) - Reactive Nanoparticles (RNP) for Facility Clearing Expansion	Funds program focused on clearing facilities with nanoparticles and other NLW technologies, including supporting operational concepts and prioritized application development.	3.6
64	Non-Lethal Weapons (NLW) - Weaponization	Funds program to "weaponize" (deliver and employ) reactive nanoparticles and other emerging technologies in support of neutralizing facilities and other urban operations clearing facility operations.	3.4

**Reserve Personnel, Marine Corps (RPMC)**

65	Active Duty Special Work (ADSW) M4L	Funds 125 full-time Reserve officers whose duty will be to establish critical resources (community liaison throughout country, factual information, web sites, etc) to stand up the Marine-For-Life (M4L) Program. Program designed to improve transition assistance to Marines and their families who are leaving active duty.	9.1
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**Total 674.9**

25 Feb 03

**ENCLOSURE (2)**

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January 29, 2003

**Admiral Vernon E. Clark, USN**  
**Chief of Naval Operations**  
**2000 Navy Pentagon**  
**Washington, DC 20350-2000**

Dear Admiral Clark:

As the 108th Congress gets underway, I request that you provide me with the so-called "unfunded requirements" list – a list of your service's programs and requirements that have not been selected for funding in the President's budget for Fiscal Year 2004. This list has been provided in past years, and it has proved invaluable in helping the House Armed Services Committee during its deliberations on the Defense Authorization Bill. Please provide me this information no later than Friday, February 21, 2003.

Thank you for your cooperation and prompt attention to this letter.

Very truly yours,



**IKE SKELTON**  
Member of Congress

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**Congress of the United States**  
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**Washington, DC 20515-2504**

January 29, 2003

**General Michael W. Hagee, USMC**  
**Commandant of the Marine Corps**  
**The Pentagon, Room 2004**  
**Washington, DC 20380**

**Dear General Hagee:**

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Thank you for your cooperation and prompt attention to this letter.

Very truly yours,



**IKE SKELTON**  
**Member of Congress**